

What is claimed is:

- 1 1. A casting form attachable to a form support member erected on a
2 surface contiguous to a substrate upon which a cast-in-place structural element is to
3 be formed, the casting form comprising:
4 a pliable tubular segment including an open first end; and
5 a form suspension assembly attachable between the pliable tubular segment
6 and the form support member for suspending the pliable tubular segment from the
7 form support member above the substrate.
- 1 2. The form of Claim 1 wherein the pliable tubular segment further
2 comprises a polymer material.
- 1 3. The form of Claim 1 wherein the pliable tubular segment further
2 comprises a sidewall including a thickness in the range of 4 mils to 40 mils.
- 1 4. The form of Claim 1 wherein the form suspension assembly further
2 comprises a strap connected to the pliable tubular segment, the strap attachable to
3 the form support member for suspending the pliable tubular segment above the
4 substrate.
- 1 5. The form of Claim 1 wherein the form suspension assembly further
2 comprises:
3 a suspension assembly connector attachable to the form support member;
4 and
5 a support arm connected to and extending from a suspension assembly
6 connector, the pliable tubular segment attachable to the support arm.

1 6. The form of Claim 1 wherein the form suspension assembly further
2 comprises:

3 a suspension assembly connector attachable to the form support member;

4 a support arm connected to and extending from a suspension assembly
5 connector; and

6 a support ring supported by the support arm, the pliable tubular segment
7 attachable to the support ring.

1 7. The form of Claim 1 further comprising a connecting member support
2 assembly attached to the pliable tubular segment for connecting a first end of a
3 connecting member to the casting form during the casting of the cast-in-place
4 structural element.

1 8. The form of Claim 7 wherein the connecting member support
2 assembly further comprises a pocket including an aperture, a peripheral edge of the
3 pocket aperture aligned with and connected to a peripheral edge of a side wall
4 aperture, the pocket configured to receive and support the first end of the
5 connecting member during the casting of the cast-in-place structural element.

1 9. The form of Claim 1 further comprising a form positioning and
2 dampening assembly attachable to the form support member and a surface
3 adjacent to a location upon which the cast-in-place structural element is to be cast
4 for dampening motion in the form support member.

1 10. A casting form erectable on a substrate upon which a cast-in-place
2 structural element is to be formed for casting a cast-in-place structural element, the
3 casting form comprising:

4 a form support member erectable on a surface contiguous to the substrate
5 upon which the cast-in-place structural element is to be cast;

6 a form suspension assembly attachable to the form support member; and

7 a pliable tubular segment attachable to the form support member for
8 suspending the pliable tubular segment from the form support member above the
9 substrate.

1 11. The casting form of Claim 10 wherein the form support member is
2 erected on a surface internal to a sidewall of the pliable tubular segment.

1 12. The casting form of Claim 10 wherein the form support member is
2 erected on a surface external to a sidewall of the pliable tubular segment.

1 13. The casting form of Claim 10 wherein the pliable tubular segment
2 further comprises a cylindrical sleeve formed of a sheet polymer material having a
3 wall thickness in the range of 4 mils to 40 mils.

1 14. The casting form of Claim 10 wherein the form suspension assembly
2 further comprises a strap connected near a first end of the pliable tubular segment,
3 the strap attachable to the form support member for suspending the pliable tubular
4 segment above the substrate.

1 15. The casting form of Claim 10 wherein the form suspension assembly
2 further comprises:
3 a suspension assembly connector attachable to the form support member;
4 and
5 a support arm connected to and extending from suspension assembly
6 connector, the pliable tubular segment attachable to the support arm.

1 16. The casting form of Claim 10 wherein the form suspension assembly
2 further comprises:
3 a suspension assembly connector attachable to the form support member;
4 a support arm connected to and extending from suspension assembly
5 connector; and

6 a support ring supported by the support arm, the pliable tubular segment
7 attachable to the support ring.

1 17. The casting form of Claim 10 further comprising a connecting member
2 support assembly attached to the pliable tubular segment for connecting and
3 supporting a first end of a connecting member during casting of the cast-in-place
4 structural element.

1 18. The casting form of Claim 17 wherein the connecting member support
2 assembly further comprises a soft pocket connected to a sidewall of the pliable
3 tubular segment, the soft pocket configured to receive or support the first end of the
4 connecting member during casting of the cast-in-place structural element.

1 19. The casting form of Claim 17 wherein the connecting member support
2 assembly further comprises a hard pocket connected to the pliable tubular segment,
3 the hard pocket defining an interior portion including a configuration approximating a
4 configuration of a first end of a connecting member, the hard pocket configured to
5 receive or support the first end of the connecting member during casting of the cast-
6 in-place structural element.

1 20. The casting form of Claim 17 wherein the connecting member support
2 assembly further comprises a pocket attached to the form support member.

1 21. The casting form of Claim 10 further comprising a form positioning and
2 dampening assembly attachable to the form support member and a surface
3 adjacent to a location upon which the cast-in-place structural element is to be cast
4 for dampening motion in the form support member.

1 22. A fencing system comprising:
2 a first form support member erected on a surface contiguous to a substrate
3 upon which the cast-in-place structural element is to be formed;

4 a second form support member erected on the surface contiguous to a
5 substrate upon which the cast-in-place structural element is to be formed;
6 a first pliable tubular segment attached to and suspended from the form
7 support member;
8 a first connecting member attachment assembly connected to the first pliable
9 tubular segment;
10 a second pliable tubular segment attached to suspended from the second
11 form support member;
12 a second connecting member attachment assembly connected to the second
13 pliable tubular segment; and
14 a connecting member including a first end attached to the first connecting
15 member attachment assembly.

1 23. The fencing system of Claim 22 further comprising the first form
2 support member erected in a first post hole and the second form support member
3 erected in a second post hole.

1 24. The fencing system of Claim 22 further comprising:
2 a first form positioning and dampening assembly attachable to the first form
3 support member for stabilizing the first form support member; and
4 a second form positioning and dampening assembly attachable to the second
5 form support member for stabilizing the second form support member.

1 25. The fencing system of Claim 22 further comprising a curable casting
2 mixture cast-in-place within the first pliable tubular segment and the second first
3 pliable tubular segment.